

U.S. Department of Commerce, Patent and Trademark Office	Serial No.: Unknown
	Filing Date: 12/20/01
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Inventors: Novotny, et al.
"MULTI-AXIS MICRO-ELECTRO-MECHANICAL ACTUATOR"	Group Art Unit: <del>Unknown</del> 2822
	Examiner Name: Unknown
Express Mail Receipt No. EF055078353US	Attorney Docket No.: AO-001

## U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date, If Appropriate
W.C.	AA	6,301,403 B1	10/09/01	Heanue et al.	385	18	
W.C.	AB	6,253,001 B1	06/26/01	Storrs T. Hoen	385	17	
W.C.	AC	6,028,689	02/22/00	Michalicek et al.	359	224	
W.C.	AD	5,872,880	02/16/99	Ronald S. Maynard	385	88	
W.C.	AE	6,283,601 B1	09/04/01	Hagelin et al.	359	871	

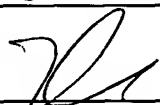
## Foreign Patent Documents

		Document Number	Date	Country	Class	Subclass	Translation	Yes	No
	AF								

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

W.C.	AG	"ROUTING PACKETS WITH LIGHT," Daniel J. Blumenthal. Scientific American, pages 96-99. January 2001.							
W.C.	AH	"Construction and performance of a 576x576 single-stage OXC," Herzel Laor. LEOS, San Francisco, California, 3 pages. November 8, 1999.							
W.C.	AI	"Application of micro- and nanotechnologies for the fabrication of optical devices," Wolfgang Ehrfeld and Hans-Dieter Bauer. SPIE Vol. 3276, page 2 and pages 4-14.							
W.C.	AJ	"PERFORMANCE OF A 576x576 OPTICAL CROSS CONNECT," Laor, et al. NFOEC, Chicago, Illinois, pages 1-5. September 26, 1999.							
W.C.	AK	"Control and shape design of an electrically-damped comb drive for digital switches," Yijian Chen. Proceedings of SPIE Vol. 4178, 2000. Pages 387-394.							

Examiner



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8/24/01

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							Yes	No
<del>AM</del>								

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

W.C.	AN	"THE RISE OF OPTICAL SWITCHING," David J. Bishop et al. Scientific American, pages 88-94. January 2001.						
W.C.	AO	"A LARGE-DEFLECTION ELECTROSTATIC ACTUATOR FOR OPTICAL SWITCHING APPLICATIONS," John D. Grade, Hal Jerman and Thomas W. Kenny. Presented at Hilton Head, 2000. 4 pages.						
W.C.	AP	"FLIP CHIP CHALLENGES," Steve Bezuk, PH.D. General Manager, Applied Technology Development and Flip Chip Kyocera America, Inc. First published in HDI Magazine, February 2000. 6 pages.						
W.C.	AQ	"MEMS Feedback Control Using Through-Wafer Optical Device Monitoring," J.M. Dawson, et al. Proceedings of SPIE Vol. 4178, 2000. Pages 221-227.						
W.C.	AR	"A FLAT HIGH-FREQUENCY SCANNING MICROMIRROR," Robert A. Conant, et al. 2000 Solid-State Sensor & Act Workshop, Hilton Head, S.C., June 4-8, 2000.						
W.C.	AS	"The Surface/Bulk Micromachining (SBM) Process: A New Method for Fabricating Released MEMS in Single Crystal Silicon," Sangwoo Lee, et al. Journal of Microelectromechanical Systems, Vol. 8, No. 4, December 1999. Pages 409-416.						
W.C.	AT	"MEMS actuators for silicon micro-optical elements," Norman C. Tien and Daniel T. McCormick. Proceedings of SPIE Vol. 4178, 2000. 256-267.						

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

W.C.	AW	"Lightweight, Optically Flat Micromirrors for Fast Beam Steering," Jocelyn T. Nee, et al. Presented at IEEE/LEOS Optical MEMS 2000 Conference, August 21-4, 2000, Kauai, Hawaii, USA. 2 pages.
W.C.	AX	"Optical MEMS for Optical Communications - Trends and Developments," Veljko Milanovic. Adriatic Research Institute. Pages 2-6. Downloaded December 20, 2001.
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	BA	
	BB	
	BC	

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